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Review of plant pathology

Volume 64

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Review of plant pathology

Readers' Guide

1985

The primary object of the *Review* is to provide a monthly survey of the more important recent world literature on diseases of plants caused by fungi, bacteria, viruses, mycoplasma-like organisms and nonpathogenic factors. It aims at supplying sufficiently full abstracts to enable readers to keep themselves informed of the progress of current work and to allow them to decide whether they require to see the original document. Photocopies of most of the papers abstracted can be supplied. An application form is printed in each number of the Review. To satisfy copyright regulations this form should always be used when photocopies are requested.

Some 1400 serial publications, including other abstracting journals, are examined regularly. Many others, together with miscellaneous publications and books, are also scanned. An effort is made to note all new data; previously published information, well known facts and popular articles may be omitted. Some background papers are noticed by very brief notices, and some of local or marginal interest by titles only. Taxonomic papers are listed in the Institute's half-yearly *Bibliography of Systematic Mycology,* which forms a useful supplement to the *Review*. New generic and specific names of fungi are compiled in the *Index of Fungi.*

Back references to the *Review* (in square brackets) are given to link related publications and also to enable further details to be traced quickly. References are also given to the Institute's *Distribution Maps of Plant Diseases* (as [CMI Map 1231) when the record is a new one for the map cited, or when more information on distribution is relevant.

When consulting an entry the reader should remember that the title is an integral part of the abstract and may include data necessary for its full comprehension.

In a typical citation the name(s) of the author(s) are followed by the title of the paper in English. If the paper is written in a language other than English, the English translation of the title is enclosed in square brackets. The title in the original language, if not English, follows, except for Arabic, Chinese, Japanese, Cyrillic character languages etc. Journal titles are next given in unabbreviated form. The year of issue, in round brackets, the volume number, part number in round brackets, and first and last page numbers of the article complete the basic citation.

Supplementary details given in square brackets include the language of the paper (a two-letter abbreviation with an initial capital; see page iv) and the language of any summary or summaries in languages other than that of the paper (a similar abbreviation without an initial capital); and there may also be included the number of references, plates, figures, graphs, maps, tables. The affiliation of the first author is also usually given in abbreviated form. Some commonly used abbreviations are listed on page iii.

Every effort is made to achieve consistency in the nomenclature of pathogens used in the *Review*. The names of fungi and bacteria are kept in line with the International Codes of Botanical and Bacteriological Nomenclature and with current taxonomic opinion. Preferred names are given, where necessary, in square brackets in the abstract and are used in the subject index. Whenever the perfect state of a fungus is known and generally accepted the name applied to this state is used, even if the paper abstracted refers only to the imperfect state (e.g. *Drechslera oryzae* is always referred to as the perfect state, *Cochliobolus miyabeanus*). Virus names are those given by the author or corrected for consistency in indexing. Synonyms are listed in the Institute's publication, Plant Virus Names (*Phytopathological Paper* 9, 1968 and Supplement 1, 1971).

The abstracts are arranged in a repeating series (indicated by page and section headings) composed of two main parts; one general, the other diseases arranged by crops (see contents page). Whenever possible, papers appear under the host, in the order general papers, virus and mycoplasma diseases, fungal diseases, bacterial diseases, non-parasitic disorders. However, a paper on, for instance, tobacco mosaic virus, not referring to a specific host, would come under 'viruses and mycoplasma-like organisms' rather than 'tobacco'. The monthly contents list follows the same pattern. Cross references are given where appropriate at the beginning of a section. Thus abstracts on virus diseases in other sections are listed at the beginning of the section on 'Viruses and mycoplasma-like organisms'.

The general index is primarily a host-parasite index with the entries analysed under hosts and repeated in less detail under pathogens. Fungicides are indexed where possible under both the approved common or chemical name and, if stated, the proprietary name, and the pathogen against which they are used is indicated, together with the host.

There are in addition a number of special entries, including:

Apparatus
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Economics of control
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Fertilizers
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Legislation
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Mycotoxins
Records, geography
Records, hosts
Phytoalexins
Plant diseases
Reports
Reviews
Seedborne organisms
Seed testing
Seed treatments
Soil
Soil treatments
Spore dispersal
Storage disorders
Techniques

ABBREVIATIONS

Author's Affiliation

Acad.	Academy	Exp.	Experimental	Reg.	Regional
Agric.	Agricultural etc.	Fac.	Faculty	Res.	Research
Agron.	Agronomic etc.	Gov.	Government	Sch.	School
Ass.	Association	Inst.	Institute	Sci.	Scientific etc.
Biol.	Biological etc.	Lab.	Laboratory	Soc.	Society
Bot.	Botanical etc.	Org.	Organization	Sta.	Station
Cent.	Central	Path.	Pathological etc.	Tech.	Technical
Coll.	College	Pl.	Plant	Trop.	Tropical
Dep.	Department	Prot.	Protection	Univ.	University
Div.	Division				

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Languages

Ar, Arabic; Bg, Bulgarian; Ch, Chinese; Cr, Croat; Cs, Czech; Da, Danish; De, German; En, English; Ee, Estonian; Es, Spanish; Fi, Finnish; Fr, French; Gr, Greek; Hu, Hungarian; It, Italian; Ja, Japanese; La, Latin; Lv, Latvian; Nl, Dutch or Flemish; No, Norwegian; Pl, Polish; Pt, Portuguese; Ro, Rumanian; Ru, Russian; Sr, Serbian; Sh, Serbo-Croat; Sk, Slovak; Sv, Swedish; Tr, Turkish; Uk, Ukrainian; etc.

Organizations:

ADAS	Agricultural Development & Advisory Service
CSIRO	Commonwealth Scientific & Industrial Research Organization
DSIR	Department of Scientific & Industrial Research
EAAFRO	East African Agriculture & Forestry Research Organization
EPPO	European & Mediterranean Plant Protection Organization
FAO	Food & Agriculture Organization of the United Nations
IARI	Indian Agricultural Research Institute
INRA, Versailles	Station Centrale de Pathologie Végétale et Laboratoire de Phytopharmacie, Institut National Recherches Agronomiques, Versailles, France
IPO, Wageningen	Instituut voor Plantenziektenkundig Onderzoek, Wageningen
USDA	United States Department of Agriculture

In addition, a number of other easily understood abbreviations are used (e.g. sp., species). Initial letters may be used for a virus after its full name has appeared in an abstract. Units of measurement are abbreviated basically according to the publication *Changing to the metric system* (HMSO, 1969). The international symbols for the commoner chemical elements and a number of simple chemical formulae are also used.